

Form PTO-1449

INFORMATION DISCLOSURE CITATION**IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)
CIBT-P01-570Application Number
09/423,943Applicant
Sampath et al.Filing Date
March 8, 2000Group Art Unit
1643

JUN 21 2002

PATENT & TRADEMARK OFFICE

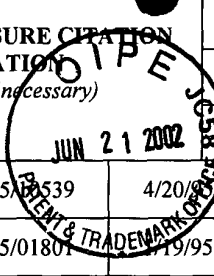
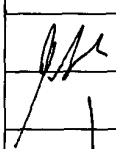
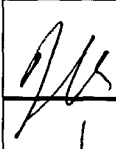
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Jha	AA	6,077,823	6/20/00	Kuberasampath et al.		
	AB	6,022,853	2/8/00	Kuberasampath et al.		
	AC	5,972,884	10/26/99	Cohen et al.		
	AD	5,928,940	7/27/99	Sampath et al.		
	AE	5,849,686	12/15/98	Kuberasampath et al.		
	AF	5,656,593	8/12/97	Kuberasampath et al.		
	AG	5,652,118	7/29/97	Ozkaynak et al.		
	AH	5,585,237	12/17/96	Oppermann et al.		
	AI	5,266,683	11/30/93	Oppermann et al.		
	AJ	5,169,837	12/8/92	Lagarde et al.		
	AK	5,013,649	5/7/91	Wang et al.		
	AL	5,011,691	4/30/91	Oppermann et al.		
	AM	4,968,590	11/6/90	Kuberasampath et al.		

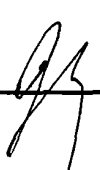

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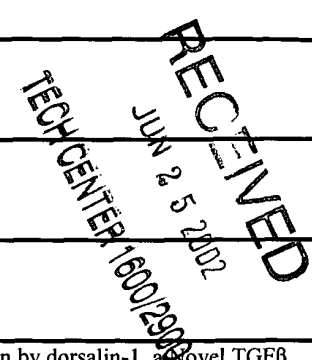
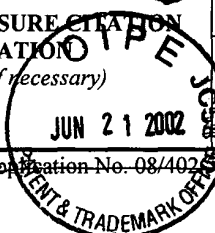
FOREIGN PATENT DOCUMENTS



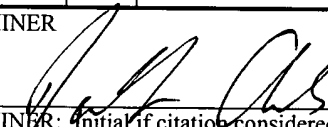
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
Jha	AN	EP 0723031 A ✓	7/24/96	European Patent	-		
	AO	EP 0714665 A ✓	6/5/96	European Patent			
	AP	WO 96/40297	12/19/96	PCT			
	AQ	WO 96/36710	11/21/96	PCT			
	AR	WO 96/30038	10/3/96	PCT			
	AS	WO 96/14335	5/17/96	PCT			
	AT	WO 96/01845	1/25/96	PCT			
	AU	WO 96/01316	1/18/96	PCT			Abstract
	AV	WO 95/33830	12/14/95	PCT			
	AW	WO 95/14104	5/26/95	PCT			
	AX	WO 95/10802	4/20/95	PCT			Abstract
	AY	WO 95/10635	4/20/95	PCT			Abstract

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				Applicant		Group Art Unit	
				Sampath et al.		1643	
				Filing Date			
				March 8, 2000			
	AZ	WO 95/05539	4/20/95	PCT			
	BA	WO 95/01801	11/19/95	PCT			
	BB	WO 94/26893	11/24/94	PCT			
	BC	WO 94/26892	11/24/94	PCT			
	BD	WO 94/21681	9/29/94	PCT			
	BE	WO 94/15966	7/21/94	PCT			
	BF	WO 94/15965	7/21/94	PCT			
	BG	WO 94/15949	7/21/94	PCT			
	BH	WO 94/10203	5/11/94	PCT			
	BI	WO 94/06449	3/31/94	PCT			
	BJ	WO 94/06420	3/31/94	PCT			
	BK	WO 94/06399	3/31/94	PCT			
	BL	WO 94/03600	2/17/94	PCT			
	BM	WO 94/03200	2/17/94	PCT			
	BN	WO 93/16099	8/19/93	PCT			
	BO	WO 93/05751	4/1/93	PCT			
	BP	WO 93/05172	3/18/93	PCT			
	BQ	WO 93/04692	3/18/93	PCT			
	BR	WO 93/00432	1/7/93	PCT			
	BS	WO 92/15323	9/17/92	PCT			
BT	WO 92/00382	1/9/92	PCT				
BU	WO 91/18098	11/28/91	PCT				
BV	WO 90/11366	10/4/90	PCT				
BW	WO 88/00205	1/14/88	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)							
	BX	U.S. Application No. 08/260,675					
	BY	U.S. Application No. 08/396,930					

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Form PTO-1449		Docket Number (Optional) CIBT-P01-570	Application Number 09/423,943
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Sampath et al.	
		Filing Date March 8, 2000	Group Art Unit 1643
	BZ	U.S. Application No. 08/402,572	
	CA	U.S. Application No. 08/404,113	
	CB	U.S. Application No. 08/432,883	
	CC	U.S. Application No. 08/751,227	
	CD	Basler, K. et al. Control of Cell Pattern in the Neural Tube: Regulation of Cell Differentiation by dorsalin-1, a Novel TGF β Family Member. <i>Cell</i> 73, 687-702 (21 May 1993).	
	CE	Bock, L. C. et al. Selection of single-stranded DNA molecules that bind and inhibit human thrombin. <i>Nature</i> 355, 564-566 (6 February 1992).	
	CF	Celeste, A. J. et al. Identification of transforming growth factor β family members present in bone-inductive protein purified from bovine bone. <i>PNAS</i> 87, 9843-9847 (Dec. 1990).	
	CG	Famulok, M. & Szostak, J. W. In Vitro Selection of Specific Ligand-binding Nucleic Acids. <i>Angew. Chem. Int. Ed. Engl.</i> 31, 979-988 (1992).	
	CH	Hogan, B. L. M. Bone Morphogenetic proteins: multifunctional regulators of vertebrate development. <i>Genes & Development</i> 10, 1580-1594 (1996).	
	CI	Jones, W. K. et al. Osteogenic Protein-1 (OP-1) Expression and Processing in Chinese Hamster Ovary Cells: Isolation of a Soluble Complex Containing the Mature and Pro-Domains of OP-1. <i>Growth Factors</i> 11, 215-225 (1994).	
	CJ	Lee, Se-Jin. Expression of growth / differentiation factor 1 in the nervous system: Conservation of a bicistronic structure. <i>PNAS</i> 88, 4250-4254 (May 1991).	
	CK	Lyons, K. et al. Vgr-1, a mammalian gene related to Xenopus Vg-1, is a member of the transforming growth factor β gene superfamily. <i>PNAS</i> 86, 4554-4558 (June 1989).	
	CL	Massague, J. The Transforming Growth Factor- β Family. <i>Annu. Rev. Cell Biol.</i> 6, 597-641 (1990).	
	CM	Mathiowitz, E. et al. Biologically erodable microspheres as potential oral drug delivery systems. <i>Nature</i> 386, 410-414 (27 March 1997).	
	CN	Ozkaynak, E. et al. Osteogenic Protein-2. <i>J. Biol. Chem.</i> 267, 25220-25227 (1992).	
	CO	Ozkaynak, E. et al. OP-1 cDNA encodes an osteogenic protein in the TGF- β family. <i>EMBO J.</i> 9, 2085-2093 (1990).	
	CP	Padgett, R. W. et al. A transcript from a Drosophila pattern gene predicts a protein homologous to the transforming growth factor- β family. <i>Nature</i> 325, 81-84 (January 1987).	



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		Applicant Sampath et al.	
		Filing Date March 8, 2000	Group Art Unit 1643
	CQ	Sampath, T. K. & Reddi, A. H. Homology of bone-inductive proteins from human, monkey, bovine, and rat extracellular matrix. <i>PNAS</i> 80, 6595 (November 1983).	
	CR	Sampath, T. K. et al. Bovine Osteogenic Protein is Composed of Dimers of OP-1 and BMP-2A, Two Members of the Transforming Growth Factor- β Superfamily. <i>J. Biol. Chem.</i> 265, 13198-13205 (5 August 1990).	
	CS	Storm, E. E. et al. Limb alterations in brachypodism mice due to mutations in a new member of the TGF β -superfamily. <i>Nature</i> 368, 639-643 (14 April 1994).	
	CT	Takao, M. et al. Identification of Rat Bone Morphogenetic Protein-3b (BMP-3b), a New Member of BMP-3. <i>Biochem. Biophys. Res. Comm.</i> 219, 656-662 (1996).	
	CU	Tuerk, C. & Gold, L. Systematic Evolution of Ligands by Exponential Enrichment: RNA Ligands to Bacteriophage T4 DNA Polymerase. <i>Science</i> 249, 505-510 (3 August 1990).	
	CV	Vukicevic, S. et al. Localization of Osteogenic Protein-1 (Bone Morphogenetic Protein-7) During Human Embryonic Development: High Affinity Binding to Basement Membranes. <i>Biochem. Biophys. Res. Comm.</i> 198, 693-700 (28 January 1994).	
	CW	Weeks, D. L. & Melton, D. A. A Maternal mRNA Localized to the Vegetal Hemisphere in Xenopus Eggs Codes for a Growth Factor Related to TGF- β . <i>Cell</i> 51, 861-867 (4 December 1987).	
	CX	Wharton, K. A. et al. Drosophila 60A gene, another transforming growth factor β family member, is closely related to human bone morphogenetic proteins. <i>PNAS</i> 88, 9214-9218 (October 1991).	
	CY	Wozney, J. M. et al. Novel Regulators of Bone Formation: Molecular Clones and Activities. <i>Science</i> 242, 1528-1534 (16 December 1988).	
EXAMINER 		DATE CONSIDERED 09/09/02	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			